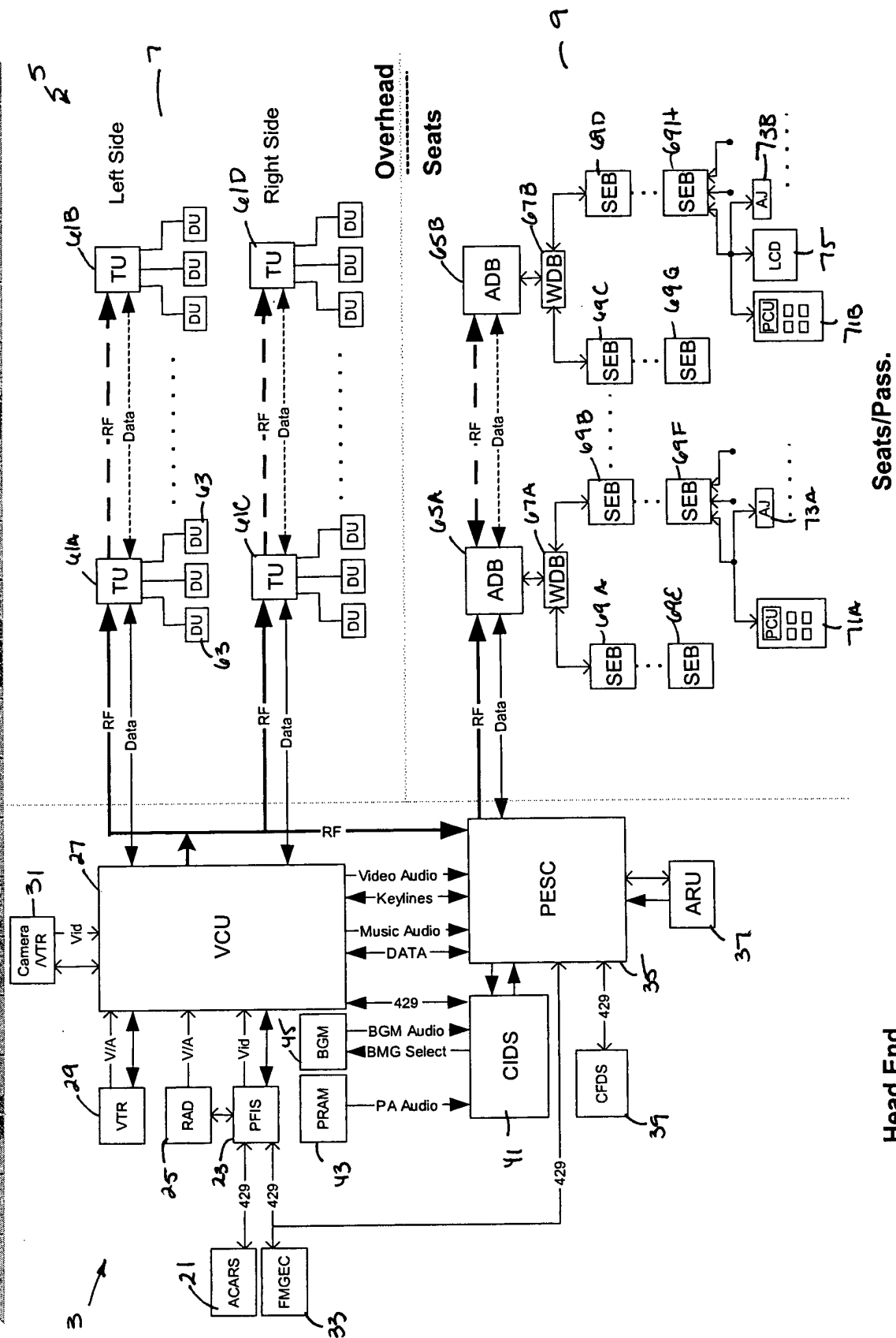


Fig. 1



Prior Art

Fig. 2

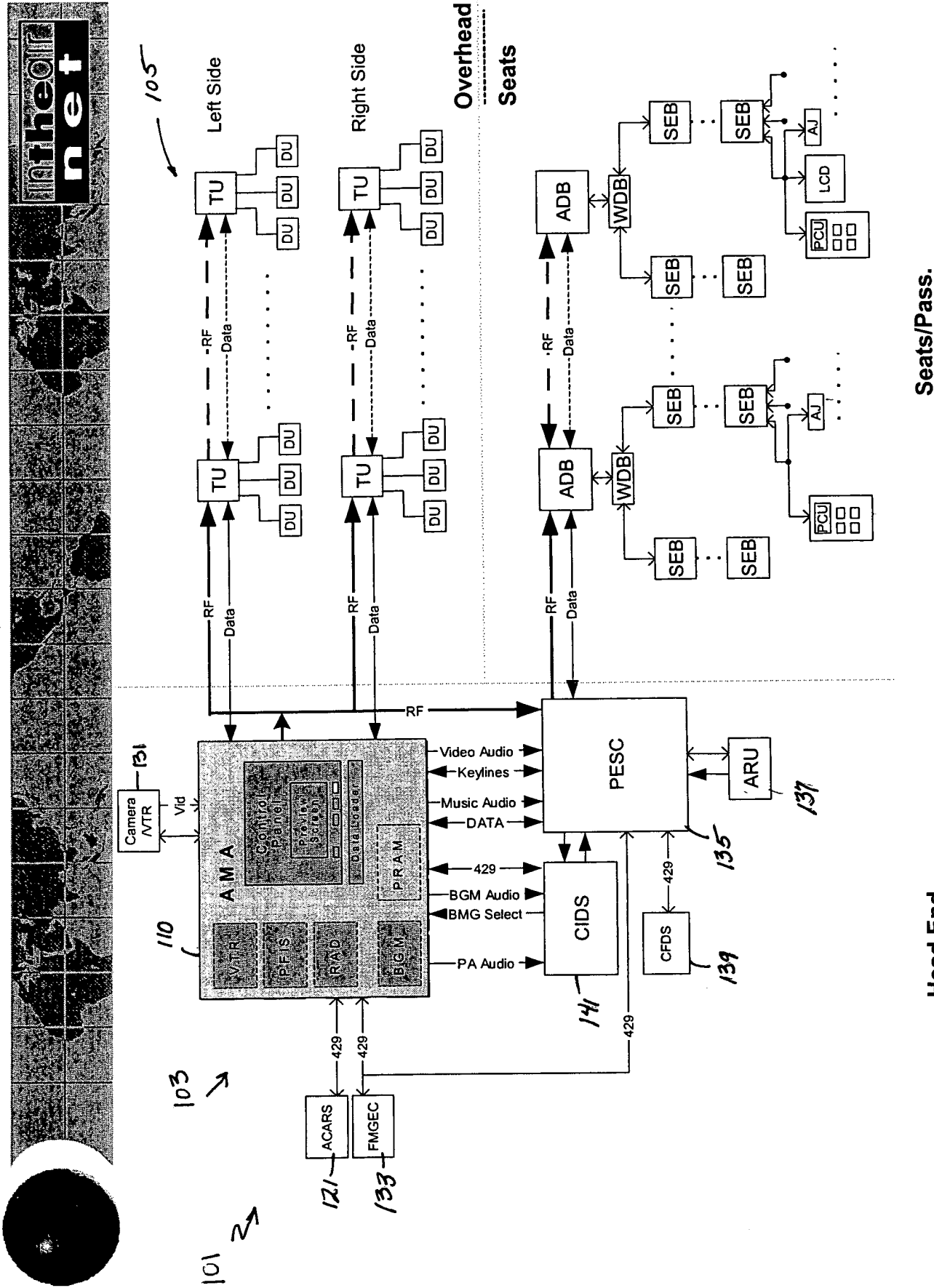


Fig. 3

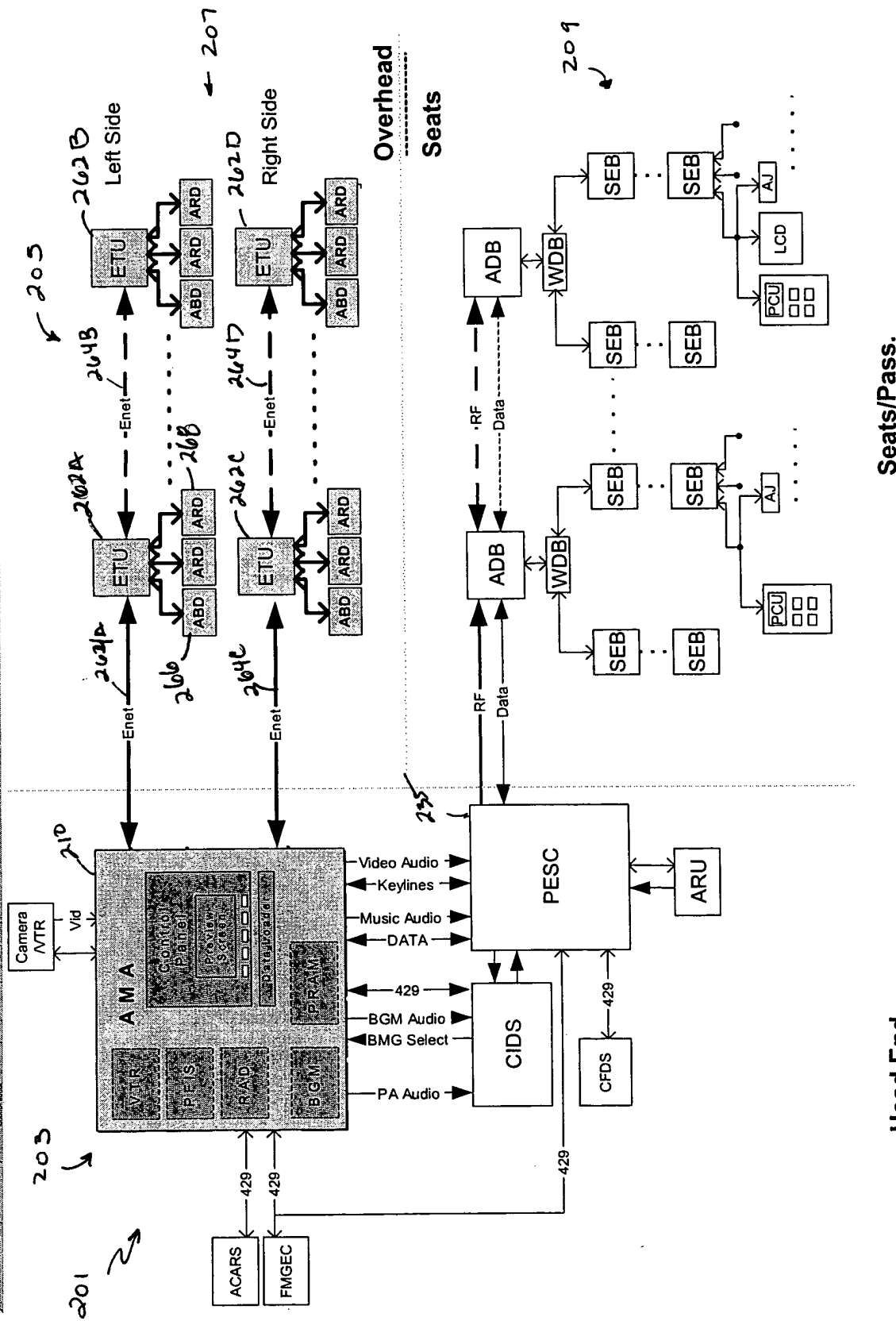


Fig. 4

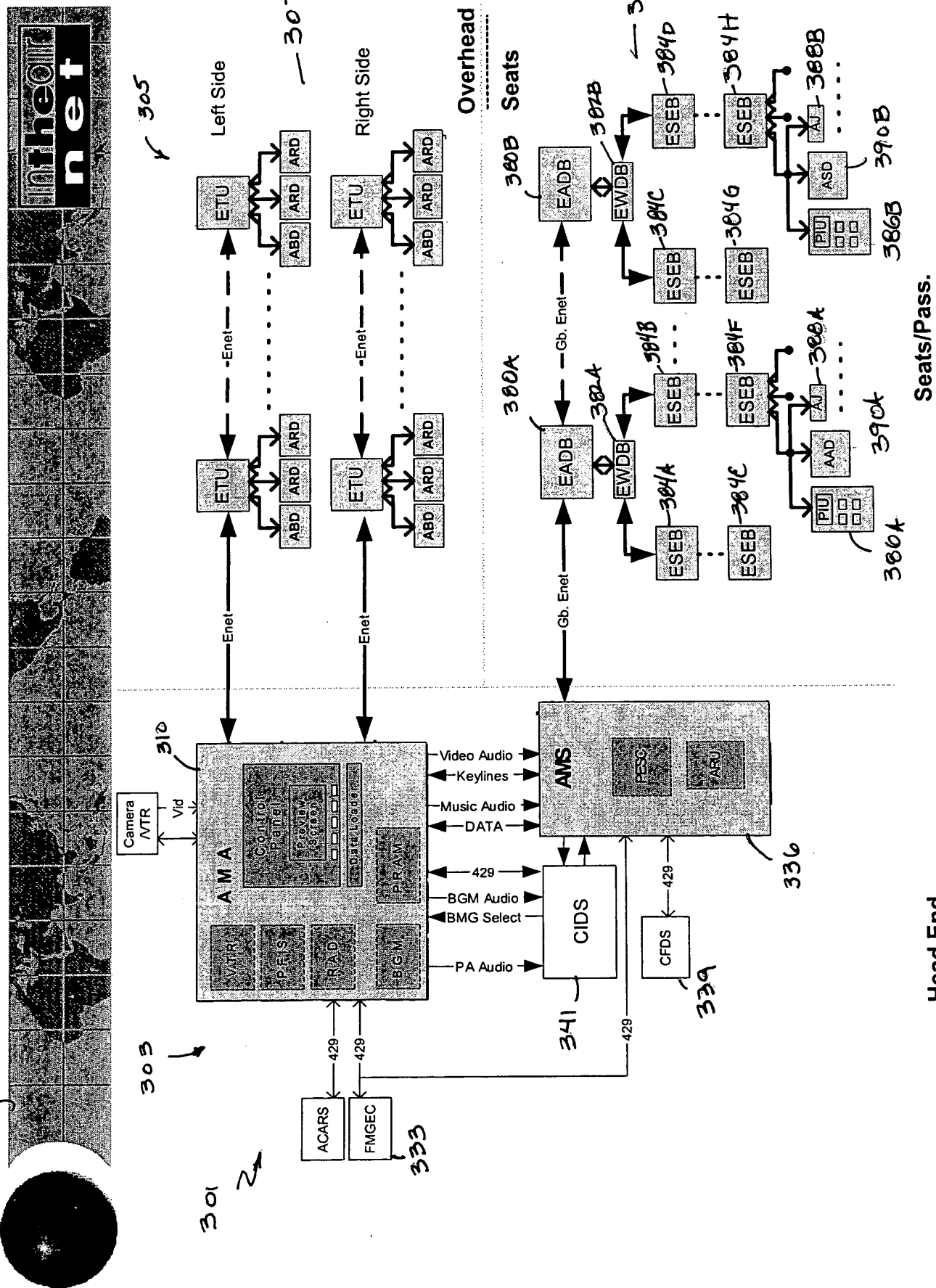


Fig. 5

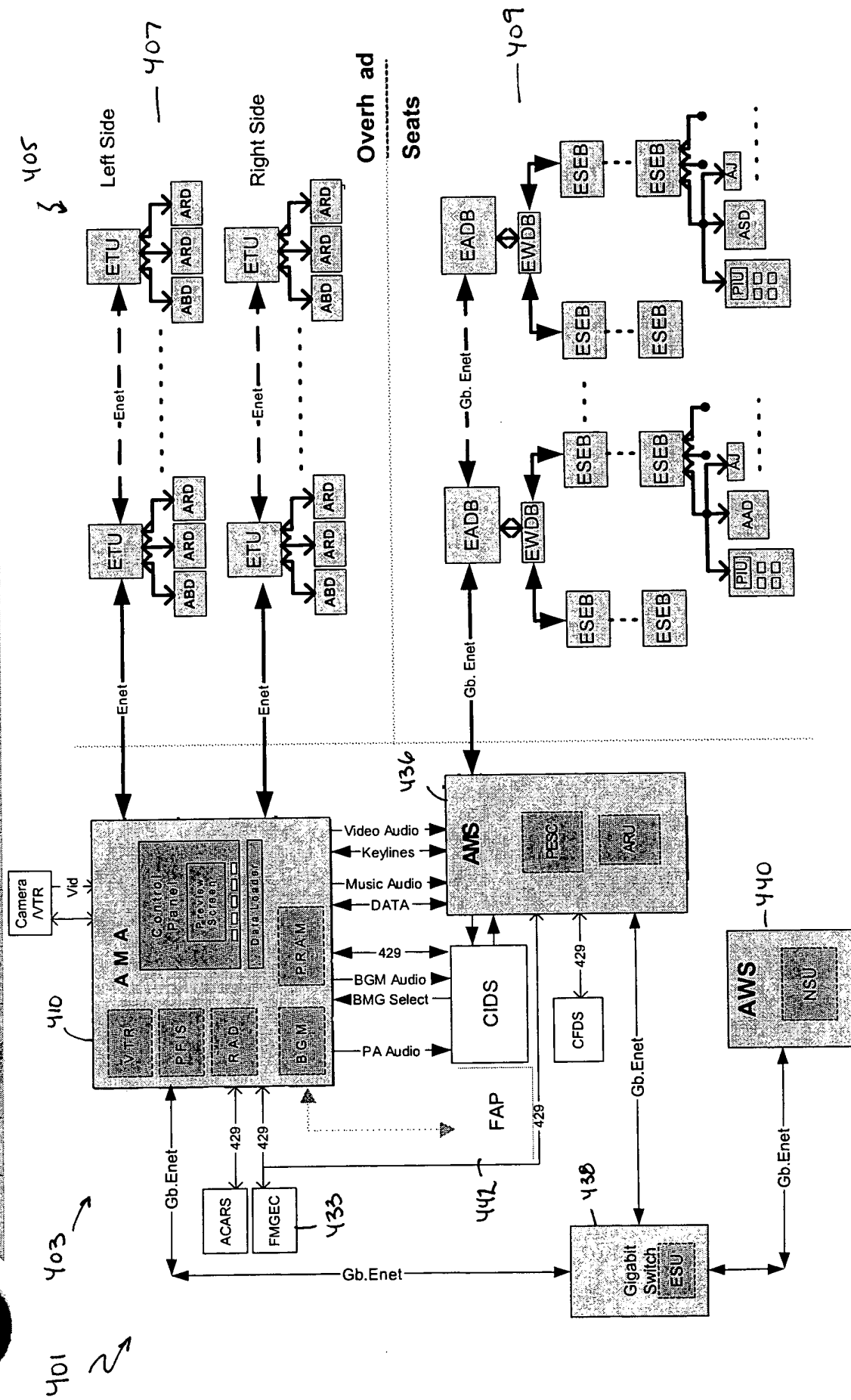
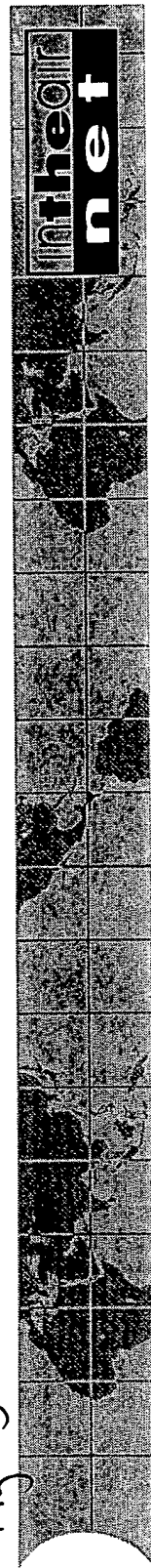


Fig. 6

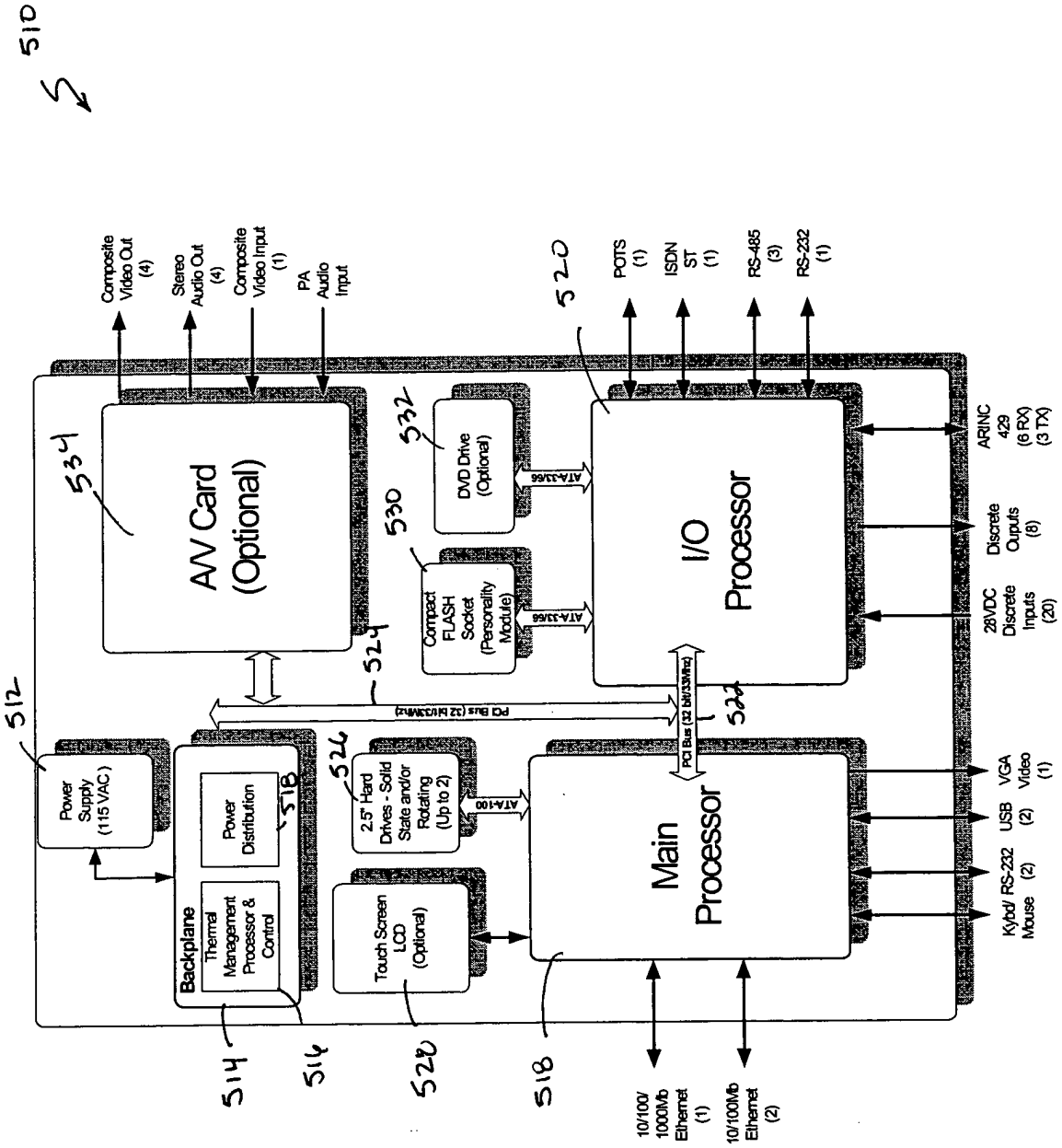
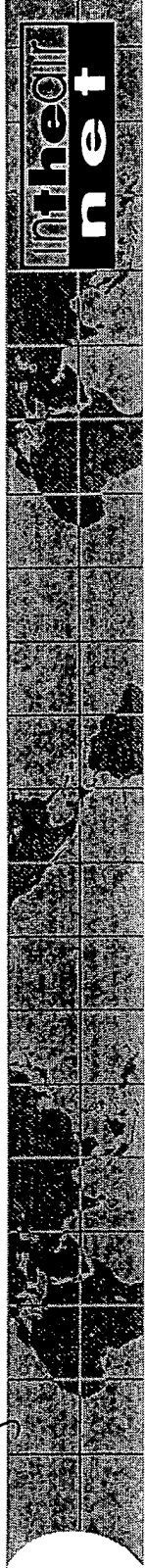
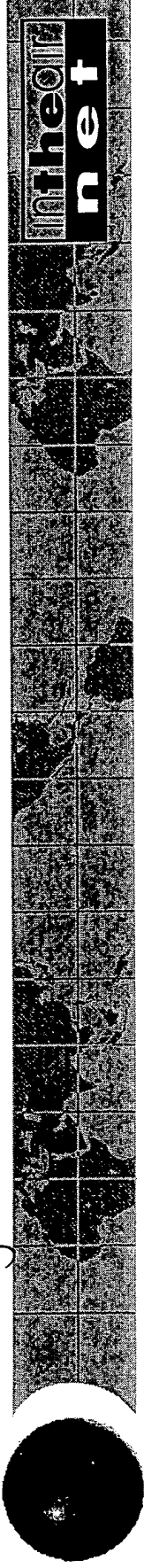


Fig. 7



Interface	AMA	AMS	AWS
Form Factor	ARINC 722 (Tray Mount)	ARINC 600	ARINC 600
Size	7.50"(w) x 5.25"(h) x 12.5"(d)	4 MCU	4 MCU
Power Estimated	115 VAC 80 Watts	115 VAC 80 Watts	115 VAC 80 Watts
Weight	<12 lbs	<15 lbs	<15 lbs
Replaces	VCU, PFIS, RADVR, PRAM, BGM, VTR	PESC Multiple ARU	NSU

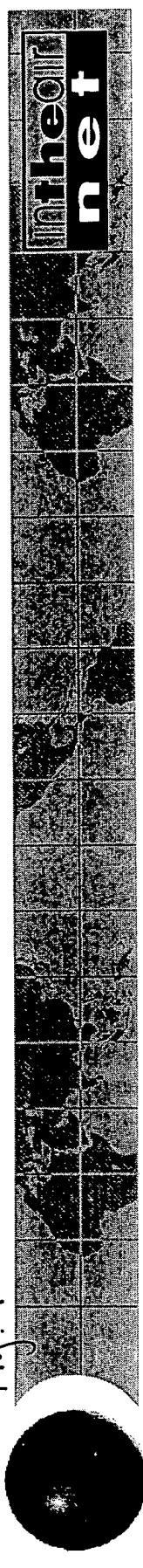
Fig. 8



<b>Interface:</b>	<b>AMA</b>	<b>AMS</b>	<b>AWS</b>
Video Outputs (NTSC)	2 (Comp or Balanced)	N/A (All Digital)	N/A (All Digital)
RF Outputs	3 (L/R TU & PESC)	N/A (All Digital)	N/A (All Digital)
NTSC Outputs	2 (Comp or Balanced)	N/A (All Digital)	N/A (All Digital)
A/V Inputs	1 NTSC for Camera or Backup VTR		
Serial Links	4 In/2 Out ARINC 3 RS485 3 RS232	6 In/3 Out ARINC 3 RS485 3 RS232	6 In/3 Out ARINC 3 RS485 3 RS232
Comm. Links	ACARS	POTS ISDN	POTS ISDN
Discrete I/O (Keylines, Triggers)	20 In 8 Out	20 In 8 Out	20 In 8 Out
Network Links	2 100/10BT Enet 1 1000BT Enet	2 100/10BT Enet 1 1000BT Enet	2 100/10BT Enet 1 1000BT Enet



Fig. 9



600

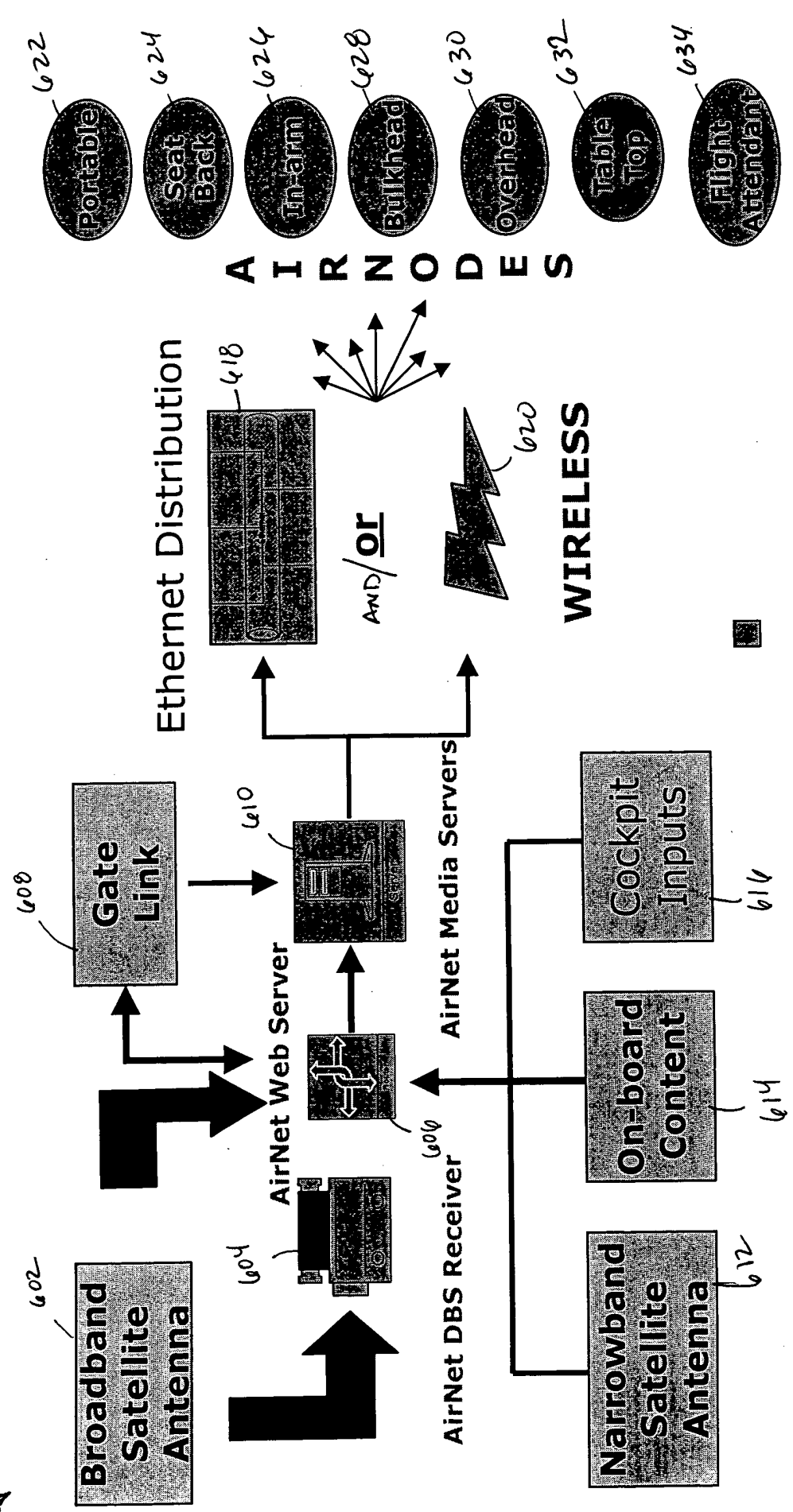


Fig. 10

